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Enforcement and Compliance
Assurance Division

CERTIFIED MAIL 7018 3090 0002 1867 2237 RETURN RECEIPT REQUESTED

November 14, 2019

Mr. Terry O'Clair Director, Division of Air Quality North Dakota Department of Environmental Quality 918 East Divide Avenue, 2nd Floor Bismarck, ND 58501-1947

40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa (NSPS OOOOa) ANNUAL REPORT

Dear Mr. O'Clair:

ONEOK Rockies Midstream (ORM) respectfully submits the enclosed Annual Report for Reciprocating Compressors and Fugitive Monitoring at the Elm Tree Compressor Station in North Dakota. The reporting period for the included facility is through August 16, 2019.

If you need additional information or have any questions, please contact me at Kale.Hanner@oneok.com or 918-732-1477.

(b) (6)

Sincerely.

Kale Hanner Environmental Supervisor

Enclosures: Annual Report for OOOOa Affected Facility, Monitoring Reports, R.O. Certification

xc: U.S. EPA Region 8, 1595 Wynkoop Street, Mail Code 8ENF-AT, Denver, CO 80202-1129

CERTIFIED MAIL 7018 3090 0002 1867 2244 / RETURN RECEIPT REQUESTED

J. Chrobak/K. Rudningen /B. Danforth/D. Roensch/W. Parke Moore/R. Brown (.pdf)

Tulsa Environmental Files-Business Unit-ORM-North Dakota-OOOOa Annual Report

CERTIFICATION FOR 40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa ANNUAL REPORT

ONEOK ROCKIES MIDSTREAM, L.L.C.

| I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. |
|---|
| |
| |
| Name of Responsible Official (print or type): David C. Roensch |
| (France of Jacobs 1977). |
| |
| Title: Vice President - Natural Gas Gathering and Processing Operations |
| (b) (6) |
| |
| Signature: Date: //// /9 |

OOOOa Annual Report Due: 11/14/2019 End of OOOOa Reporting Period: 08/16/2019 ONEOK Rockies Midstream, L.L.C. (ORM) P.O. Box 871, Tulsa, OK 74102-0871 100 West Fifth Street, Tulsa, OK 74103-4298 Reciprocating Compressors in ORM North Dakota Area Subject to 40 CFR Subpart OOOOa Note: Some Compressors May Not Operate 24/7 60.5415(c)(3) You must replace the rod Date of this Approximate elapsed Approximate elapsed packing before the total number of hours of Initial startup survey update: number of MONTHS number of HOURS operation reaches 26,000 hours or the number 08/16/19 or date or date of Skid or since initial startup, or since initial startup, or of months...reaches 36 months. rod packing Compressor date of rod Unit Location Latitude Longitude County Qtrs Section Twishp Range since previous since previous Deviation? Serial Number replacement, packing Number compressor rod compressor rod whichever is replacement, Date and Time of Compressor Rod Packing packing replacement, packing replacement, later whichever is whichever is later whichever is later Replacement per 60.5420 (c) (3) (II) later Elm Tree CS McKenzie SE/4,SE/4 35 153N 94W F-51425 8/16/2017 8/16/2019 16616 NA No

| | | Compre | | End of ONI P 100 V DRM North D | | orting Periodical Peri | od: 08/16 L.L.C. (OF 4102-087 OK 74103 | /2019 RM) 1 -4298 or Station Fugir | ive Monitoring per 40 CFR Subpart ΟΟΟΟε | |
|-------------|----------------------------|----------------------|-------------------|---------------------------------|---------------|--|---|--|---|------------|
| Facility ID | Location | Latitude | Longitude | County | asions monito | | Twnshp | | Date of survey | Deviation? |
| ND0002 | Elm Tree CS | (b) (9) | | Dunn | SE/4, SE/4 | 25 | 147N | 96W | 10/22/18, 1/28/19, 4/30/19, 8/13/19 | No |
| | Fugitive emissions monitor | oring survey is incl | uded with this su | immary | | | | | | |

| | SURVEY SUMMARY REPORT | |
|---------------|-----------------------|--|
| COMPANY | ONEOK Inc. | |
| FACILITY | Elm Tree | |
| FACILITY TYPE | Compressor Station | |

| | | SURVEY INFO | |
|-----------------|------------|---------------------|--|
| DATE | 10/22/2018 | OGI OPERATOR | (b) (6) |
| START TIME | 10:01:37 | TRAINING COMPLETED | FLIR Infrared Training Center, Certified Thermographer |
| END TIME | 11:33:47 | YEARS EXPERIENCE | 1 year 5 months |
| SKY CONDITIONS | Clear | MAX WIND SPEED | 8 |
| INSTRUMENT USED | GF320 | AMBIENT TEMPERATURE | 41 |

| | | DEVIATIONS FROM THE MONITORING PLAN | |
|--------|----|-------------------------------------|--|
| YES/NO | | REASON FOR DEVIATION IF "YES" | |
| NO | NO | | |

| | | LEAKS | | |
|---------------|----------------|--------------------------|----------------|-------------------------|
| COMPONENT TAG | COMPONENT TYPE | REPAIRED PER 60.5397a(h) | DATE OF REPAIR | RESURVEY METHOD |
| 3078 | Instrument | YES | 10/26/2018 | Method 21- Soap Bubbles |
| 3079 | Instrument | YES | 10/26/2018 | Method 21- Soap Bubbles |

| TOTAL LEAD | CS DETECTED |
|----------------|-------------|
| COMPONENT TYPE | COUNT |
| INSTRUMENT | 2 |

| | | DELAY OF REPAIR |
|---------------|----------------|------------------|
| COMPONENT TAG | COMPONENT TYPE | REASON FOR DELAY |

| DIFFICULT/UNSAFE TO MONITO | R COMPONENTS |
|-----------------------------|--------------|
| DTM or UTM COMPONENT TYPE | COUNT |

| | SURVEY SUMMARY REPORT | |
|---------------|-----------------------|--|
| COMPANY | ONEOK Inc. | |
| FACILITY | Elm Tree | |
| FACILITY TYPE | Compressor Station | |

| | | SURVEY INFORM | MATION |
|-----------------|-----------|---------------------|--|
| DATE | 1/28/2019 | OGI OPERATOR | (b) (6) |
| START TIME | 14:12:45 | TRAINING COMPLETED | FLIR Infrared Training Center, Certified Thermographer |
| END TIME | 15:32:46 | YEARS EXPERIENCE | 1 year 9 months |
| SKY CONDITIONS | Clear | MAX WIND SPEED | 26 |
| INSTRUMENT USED | GF320 | AMBIENT TEMPERATURE | 10 |

| | | DEVIATIONS FROM THE MONITORING PLAN | |
|--------|----|-------------------------------------|--|
| YES/NO | | REASON FOR DEVIATION IF "YES" | |
| 10 | NO | | |

| Carlo Separation | | LEAKS | | | |
|------------------|----------------|---|-----------|-----------------|--|
| COMPONENT TAG | COMPONENT TYPE | REPAIRED PER 60.5397a(h) DATE OF REPAIR | | RESURVEY METHOD | |
| 1739 | Connector | YES | 1/28/2019 | OGI | |

| TOTAL LEAD | CS DETECTED |
|----------------|-------------|
| COMPONENT TYPE | COUNT |
| CONNECTOR | 1 |

| DELAY OF REPAIR | | | |
|-----------------|----------------|------------------|--|
| COMPONENT TAG | COMPONENT TYPE | REASON FOR DELAY | |
| NA | | | |

| DIFFICE | JLT/UNSAFE TO MONITOR CO | MPONENTS |
|------------|--------------------------|----------|
| DTM or UTM | COMPONENT TYPE | COUNT |

| | SURVEY SUMMARY REPORT | |
|---------------|-----------------------|--|
| COMPANY | ONEOK Inc. | |
| FACILITY | Elm Tree | |
| FACILITY TYPE | Compressor Station | |

| SURVEY INFORMATION | | | | |
|--------------------|-----------|---------------------|--|--|
| DATE | 4/30/2019 | OGI OPERATOR | (b) (6) | |
| START TIME | 12:25:53 | TRAINING COMPLETED | FLIR Infrared Training Center, Certified Thermographer | |
| END TIME | 14:33:28 | YEARS EXPERIENCE | 2 years | |
| SKY CONDITIONS | Cloudy | MAX WIND SPEED | 5 | |
| INSTRUMENT USED | GF320 | AMBIENT TEMPERATURE | 36 | |

| DEVIATIONS FROM THE MONITORING PLAN | | | |
|-------------------------------------|----|-------------------------------|--|
| YES/NO | | REASON FOR DEVIATION IF "YES" | |
| 10 | NO | | |

| LEAKS | | | | |
|---------------|----------------|--------------------------|----------------|-----------------|
| COMPONENT TAG | COMPONENT TYPE | REPAIRED PER 60.5397a(h) | DATE OF REPAIR | RESURVEY METHOD |
| 1777 | Connector | YES | 4/30/2019 | OGI |
| 1776 | Connector | YES | 4/30/2019 | OGI |
| 538 | Thief Hatch | YES | 4/30/2019 | OGI |

| TOTAL LEAKS DETECTED | | | |
|----------------------|-------|--|--|
| COMPONENT TYPE | COUNT | | |
| CONNECTOR | 2 | | |
| THIEF HATCH | 1 | | |

| DELAY OF REPAIR | | | |
|-----------------|----------------|------------------|--|
| COMPONENT TAG | COMPONENT TYPE | REASON FOR DELAY | |
| NA | | | |

| OTM or UTM C | OMPONENT TYPE | COUNT |
|--------------|---------------|-------|
| | | |
| | | |
| | | |
| | | |

| | SURVEY SUMMARY REPORT | |
|---------------|-----------------------|--|
| COMPANY | ONEOK Inc. | |
| FACILITY | Elm Tree | |
| FACILITY TYPE | Compressor Station | |

| SURVEY INFORMATION | | | |
|--------------------|------------------------------------|---------------------|--|
| DATE | ATE 8/13/2019 OGI OPERATOR (b) (6) | | (b) (6) |
| START TIME | 12:35:17 | TRAINING COMPLETED | FLIR Infrared Training Center, Certified Thermographer |
| END TIME | 13:56:13 | YEARS EXPERIENCE | 2 years 3 months |
| SKY CONDITIONS | Mostly Cloudy | MAX WIND SPEED | 10 |
| INSTRUMENT USED | GF300 | AMBIENT TEMPERATURE | 68 |

| | | DEVIATIONS FROM THE MONITORING PLAN | |
|--------|----|-------------------------------------|--|
| YES/NO | | REASON FOR DEVIATION IF "YES" | |
| 10 | NO | | |

| LEAKS | | | | |
|---------------|----------------|--------------------------|----------------|-----------------|
| COMPONENT TAG | COMPONENT TYPE | REPAIRED PER 60.5397a(h) | DATE OF REPAIR | RESURVEY METHOD |
| 538 | Thief Hatch | YES | 9/11/2019 | OGI |
| 541 | Thief Hatch | YES | 9/11/2019 | OGI |
| 536 | Thief Hatch | YES | 9/11/2019 | OGI |
| 2392 | Covers | YES | 8/13/2019 | OGI |
| 2391 | Covers | YES | 8/13/2019 | OGI |

| TOTAL LEAKS DETECTED | | |
|----------------------|-------|--|
| COMPONENT TYPE | COUNT | |
| THIEF HATCH | 3 | |
| COVERS | 2 | |

| | | DELAY OF REPAIR | |
|---------------|----------------|------------------|--|
| COMPONENT TAG | COMPONENT TYPE | REASON FOR DELAY | |
| NA | | | |

| DIFFICL | JLT/UNSAFE TO MONITOR CO | OMPONENTS |
|------------|--------------------------|-----------|
| DTM or UTM | COMPONENT TYPE | COUNT |
| | | |